Search Update. 12 pg. 4/18/4 4/2.

				m'
L Number	Hits	Search Text	DB	Time stamp 2004/04/18 10:31
	0	"method of using a semiconductor laser	USPAT;	2004/04/18 10:31
٠.		device".clm.	US-PGPUB;	•
			EPO; JPO;	
			DERWENT;	
•	_		IBM_TDB	2003/02/10 08:45
	0	"method of using" near12 semiconductor adj	USPAT;	2003/02/10 08:43
* .	*	laser adj device.clm.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000 (00 (10 00 40
· -	, 2	method near12 using near12 semiconductor	USPAT;	2003/02/10 08:49
	·	adj laser adj device.clm.	US-PGPUB;	• •
* .	-		EPO; JPO;	
			DERWENT;	
·	,		IBM_TDB	•
- + 1	26	thermistor.ti,ab,clm. and	USPAT;	2003/02/10 09:14
		Peltier.ti,ab,clm. and semiconductor adj	US-PGPUB;	
		laser.ti,ab. and laser near3 (system or	EPO; JPO;	
		module)	DERWENT;	•
			IBM_TDB	
_	241	Raman adj amplifier.ti.,	USPĀT;	2003/02/10 09:15
			US-PGPUB;	
	.i		EPO; JPO;	
			DERWENT;	
			IBM TDB	,
	12	Raman adj amplifier.ti. and GHZ	USPAT;	2003/02/10 09:17
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	•
			IBM TDB	
	1	(Raman adj amplifier.ti. and GHZ) not	USPĀT;	2003/02/10 09:22
_ `		laser	US-PGPUB;	2003,02,10 03.22
		Laser	EPO; JPO;	
			DERWENT;	*
: *			IBM TDB	
	220	land and lithermorphy to he	USPAT;	2003/02/10 09:23
-	229	laser adj lithography.ti,ab.	US-PGPUB;	2003/02/10 09.23
	1.		EPO; JPO;	
			DERWENT;	
			IBM_TDB USPAT;	2002/02/10 00.23
-	229	laser adj lithography.ti,ab. not raman		2003/02/10 09:23
		197	US-PGPUB;	
			EPO; JPO;	
•			DERWENT;	
	l		IBM_TDB	0000/00/10 00:04
L	224	(laser adj lithography.ti,ab. not raman)	USPAT;	2003/02/10 09:24
		not (fiber or fibre)	US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	2002/05/25 11 1.
- '	6	832885.ap.	USPĀT;	2003/06/25 14:14
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB '	
-	0		USPĀT;	2003/09/21 14:21
		(reflective reflection) same.	US-PGPUB;	
	1	(anti-reflective anti-reflection	EPO; JPO;	
'		antireflective antireflection) near3 (film	DERWENT;	,
		coating coated)	IBM_TDB	late we die
-	7	raman same brillouin same longitudinal and	USPAT;	2003/09/21 14:36
	1	(reflective reflection) same	US-PGPUB;	
		(anti-reflective anti-reflection	EPO; JPO;	
		antireflective antireflection) near3 (film	DERWENT;	
1		coating coated)	IBM_TDB	
	33		USPĀT;	2003/09/21 14:36
]].]			1
			US-PGPUB;	1.
			US-PGPUB; EPO; JPO; DERWENT;	

					5
-		26	(raman same brillouin same longitudinal)	USPAT;	2003/09/21 15:02
١.			not (raman same brillouin same	US-PGPUB;	ĺ ,
			longitudinal and (reflective reflection)	EPO; JPO;	
	• *		same (anti-reflective anti-reflection	DERWENT;	
1.			antireflective antireflection) near3 (film	IBM TDB	
· ·	. 6		coating coated))		
		22		USPAT;	2003/09/21 15:05
			not (raman same brillouin same	US-PGPUB;	
			longitudinal and (reflective reflection)	EPO; JPO;	
			same (anti-reflective anti-reflection	DERWENT;	
			antireflective antireflection) near3 (film	IBM TDB	1
			coating coated))) and (diffraction adj	TDM_TDB	
·.			grating grating)		
1		. ,		IICDAM.	2002/00/21 15 00
-		- "	multi-longitudinal adj mode and raman and	USPAT;	2003/09/21 15:08
'		,	(diffraction adj grating grating) and	US-PGPUB;	
			active	EPO; JPO;	
1	•			DERWENT;	
١,		l.` _		IBM_TDB.	
-		վ 6	multi-longitudinal adj mode and	USPAT;	2003/09/21 15:09
1			(diffraction adj grating grating) and	US-PGPUB;	
] ;	active adj layer	EPO; JPO;	
	٠	1		DERWENT;	\$
	. •			IBM_TDB	
-		17	(multi-longitudinal adj mode plurality	USPAT;	2003/09/21 15:13
		5	near12 longitudinal adj mode) and	US-PGPUB;	
	•	,	(diffraction adj grating grating) and	EPO; JPO;	
1 .	7	7 , "	active adj layer	DERWENT;	
	•			IBM TDB	
_		11	((multi-longitudinal adj mode plurality	USPAT;	2003/09/21 15:10
	•		near12 longitudinal adj mode) and	US-PGPUB;	2000,03,21 13.10
			(diffraction adj grating grating) and	EPO; JPO;	
] •	active adj layer) not (multi-longitudinal	DERWENT;	
	* * * * * * * * * * * * * * * * * * *		adj mode and (diffraction adj grating	IBM TDB	
				TPM_IDB	
_ ·		26	grating) and active adj layer)	IIODAM -	2002/00/01 15 12
-		20		USPAT;	2003/09/21 15:13
	`		near12 longitudinal adj mode) and	US-PGPUB;	
1 '			(diffraction adj grating grating) and	EPO; JPO;	
1			active adj (region layer)	DERWENT;	
	4			IBM_TDB	
-	. 0	9	((multi-longitudinal adj mode plurality	USPAT;	2003/09/21 15:25
			near12 longitudinal adj mode) and	US-PGPUB;	
-			(diffraction adj grating grating) and	EPO; JPO;	
1 .			active adj (region layer)) not	DERWENT;	
ļ			((multi-longitudinal adj mode plurality	IBM_TDB	
			near12 longitudinal adj mode) and		
		1	(diffraction adj grating grating) and	` ·	
1.		1	active adj layer)		
. .		158	-active-adj (layer film region) and	USPAT:	2003/09/21-15:27
		1	(diffraction adj grating grating-coupled)	US-PGPUB;	
		1	and (plurality near3 longitudinal adj mode	EPO; JPO;	
			multi-longitudinal "longitudinal modes")	DERWENT;	
1				IBM TDB	
 		46	active adj (layer film region) and	USPAT;	2003/09/21 15:27
			(diffraction adj grating grating-coupled)	US-PGPUB;] =====================================
1			and (plurality near3 longitudinal adj mode	EPO; JPO;	
			multi-longitudinal "longitudinal modes")	DERWENT;	
			and (ar anti-reflective) and (reflective	IBM TDB	1 - *c
.	· .		reflection)		
1_		24	active adj (layer film region) and	HCDAM.	2002/00/21 15:22
1		24		USPAT;	2003/09/21 15:38
		1	(diffraction adj grating grating-coupled)	US-PGPUB;	•
		[and (plurality near3 longitudinal adj mode	EPO; JPO;	<i>*</i>
			multi-longitudinal "longitudinal modes")	DERWENT;	
	-		and (ar anti-reflective) and (reflective	IBM_TDB	
1		. ' '	reflection) and (372/4\$1.ccls.	· .	•
		1	372/50.ccls.)	*	
-		. 1	(FP or Fabry-Perot) near12	USPAT;	2003/09/21 15:41
			multi-longitudinal and diffraction adj	US-PGPUB;	
		,	grating and reflective and (AR	EPO; JPO;	
			anti-reflective)	DERWENT;	· : : : : : : : : : : : : : : : : : : :
				IBM_TDB	

	91	(FP or Fabry-Perot) and longitudinal and	USPAT;	2003/09/21 15:41
		diffraction adj grating and reflective and	US-PGPUB;	
		(AR anti-reflective)	EPO; JPO;	1
			DERWENT;	*
			IBM_TDB USPAT;	2003/09/21 15:42
	81	(FP or Fabry-Perot) and longitudinal and ("modes" "mode spectrum") and diffraction	US-PGPUB;	2003/03/21 13.42
		adj grating and reflective and (AR	EPO; JPO;	
		anti-reflective)	DERWENT;	* *
		anti-leffective)	IBM TDB.	
	27	(FP or Fabry-Perot) and longitudinal and	USPAT;	2003/09/21 15:52
		("modes" "mode spectrum") and diffraction	US-PGPUB;	
		adj grating and reflective and (AR	EPO; JPO;	
		anti-reflective) and (372/4\$1.ccls.	DERWENT;	
		372/50.ccls.)	IBM_TDB USPAT;	2003/09/21 15:52
- ,	690	longitudinal adj mode and 372/4\$1.ccls.	US-PGPUB;	2003/09/21 13:52
the state of	,		EPO; JPO;	· · · · · · · · · · · · · · · · · · ·
			DERWENT;	
1	. •		IBM TDB	
_	6	longitudinal adj mode.ti. and	USPAT;	2003/09/21 15:54
		372/4\$1.ccls.	US-PGPUB;	
			EPO; JPO;	
· ·			DERWENT;	
		 	IBM_TDB USPAT;	2003/09/21 15:54
- 1 : 1	0	multi-longitudinal adj mode.ti. and 372/4\$1.ccls.	US-PGPUB;	2000/00/21 10:04
,		3/2/491.CC1S.	EPO; JPO;	
			DERWENT;	
	1.		IBM_TDB	
	i o	(multi-l'ongitudinal multilongitudinal) adj	USPAT;	2003/09/21 15:54
	1 1 A	mode.ti. and 372/4\$1.ccls.	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	· · · · · · · · · · · · · · · · · · ·
	26	(multi-longitudinal multilongitudinal) adj	USPAT;	2003/09/21 15:54
_	26	mode and 372/4\$1.ccls.	US-PGPUB;	
		mode and 5/2/14275525	EPO; JPO;	
			DERWENT;	
			IBM_TDB	2003/09/21 15:55
r.— i	6	(multi-longitudinal multilongitudinal) adj	USPAT; US-PGPUB;	2003/09/21 15:55
		mode.ti,ab,clm. and 372/4\$1.ccls.	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	0	(multi-longitudinal multilongitudinal) adj	USPAT;	2003/09/21 15:56
		mode.ti,ab,clm. and 372/4\$1.ccls. and	US-PGPUB;	
		(diffraction adj grating grating-enhanced)	EPO; JPO;	Table
	1		DERWENT;	* · ·
	1	()	IBM TDB	2003/09/21 15:57
·-	1	(multi-longitudinal multilongitudinal) adj	USPAT; US-PGPUB;	2003/03/21 13:3/
1 .		mode.ti,ab,clm. and 372/4\$1.ccls. and (diffraction adj grating FP Fabry-Perot)	EPO; JPO;	
		(diffiaction adj gracing if fabry feloc)	DERWENT;	
			IBM_TDB	
- '	1	(multi-longitudinal multilongitudinal) adj	USPĀT;	2003/09/21 15:57
·		mode.ti,ab,clm. and 372/4\$1.ccls. and	US-PGPUB;	
	1 . 5	grating	EPO; JPO;	
1			DERWENT;	
	1	(multi-longitudinal multilongitudinal) adj	IBM_TDB USPAT;	2003/09/21 15:57
	1	mode.ti,ab,clm. and (372/50.ccls.	US-PGPUB;	2000,00,21 10.07
1.		372/4\$1.ccls.) and grating	EPO; JPO;	
		5,2,1,1,1,0025., and grading	DERWENT;	
		\	IBM_TDB :	
-	1	(multi-longitudinal multilongitudinal) adj	USPAT;	2003/09/21, 15:58
	1 .	mode.ti,ab,clm. and (372/50.ccls.	US-PGPUB;	
*.	1	372/4\$1.ccls.) and (grating FP	EPO; JPO;	
		Fabry-Perot)	DERWENT; IBM TDB	,
			TOP TOD	

						*	
_				15	(multi-longitudinal multilongitudinal) adj	USPAT;	2003/09/21 15:59
1	_			. 13	mode and (372/50.ccls. 372/4\$1.ccls.) and	US-PGPUB;	· ·
ŀ			•		mode and (3/2/30.ccis. 3/2/401.ccis.) and	EPO; JPO;	* *
					(grating FP Fabry-Perot)	DERWENT;	
٠						IBM_TDB	
- 1				16	(multi-longitudinal multilongitudinal) adj	USPAT;	2003/09/21 16:04
1	:		4.		mode and (372/50.ccls. 372/4\$1.ccls.) and	US-PGPUB;	
- 1			i.	. 1	(grating FP Fabry-Perot DBR DFB)	EPO; JPO;	
1				.	(gracing if rably reloc bbk bib)	DERWENT;	
				.		IBM TDB	•
		• '		ļ		USPAT;	2003/09/21 16:19
١	-			. 57.	((multi-longitudinal multilongitudinal)		2003/03/21 10:13
- [*			adj mode plurality near2 longitudinal adj	US-PGPUB;	
. 1				1	modes) and (372/50.ccls. 372/4\$1.ccls.)	EPO; JPO;	
-				.	and (grating FP Fabry-Perot DBR DFB)	DERWENT;	
-1		1			, , , , , , , , , , , , , , , , , , ,	IBM TDB	
-				173	multi-wavelength adj laser.ti,ab,clm.	USPAT;	2003/09/21 16:19
- {	_ `			1/3	multi-wavelength day labor. 17 day 12	US-PGPUB;	
- [:		· '		· .		EPO; JPO;	
ŀ				1 1		DERWENT;	
- 1	.*			-			
	.*					IBM_TDB	0002/00/01 16-20
	_			23	multi-wavelength adj laser.ti,ab,clm. and	USPAT;	2003/09/21 16:20
			l		(372/4\$1.ccls. 372/50.ccls.)	US-PGPUB;	
			1			EPO; JPO;	
-			.	. 1		DERWENT;	No. A. Land
	1		· .	.		IBM TDB	
\exists			1	ا ۾ ا	multi-wavelength adj laser.ti,ab,clm. and	USPAT;	2003/09/21 16:22
ļ				3		US-PGPUB;	
İ					(372/4\$1.ccls. 372/50.ccls.) and		
- 1					diffraction adj grating	EPO; JPO;	
	•					DERWENT;	
-			- 1			IBM_TDB	
		*. ·		1	multi-wavelength adj laser ti, ab, clm. and	USPAT;	2003/09/21 16:24
		•	1 1 1 1		(372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	
ļ	٠				diffraction adj grating and (reflective	EPO; JPO;	
Ì		S., 1	,	4.5	reflection) and (AR anti-reflective	DERWENT;	
					reflection) and (AR anti-leffective	IBM TDB	
-					anti-relfection)	USPAT;	2003/09/21 16:24
ı	- :			1	multi-wavelength adj laser.ti,ab,clm. and		2003/03/21 10:21
		, ,,			(372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	
					diffraction adj grating and (reflective	EPO; JPO;	
Ì					reflection mirror) and (AR anti-reflective	DERWENT;	
	•				anti-reflection)	IBM_TDB	
: :	_			Δ.	multi-wavelength adj laser.ti,ab,clm. and	USPĀT;	2003/09/21 16:26
-			· .		(372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	1
	•				(diffraction adj grating DBR DFB) and	EPO; JPO;	
			1 -	,	(reflective reflection mirror) and (AR	DERWENT;	
			•			IBM TDB	
.]					anti-reflective anti-reflection)	USPAT;	2003/09/21 16:33
-		:		3	multi-wavelength adj laser.ti,ab,clm. and		2003/03/21,10.33
			1		(372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	
		,	1		(diffraction adj grating DBR DFB) and	EPO; JPO;	
- 1		-		. *	(reflective coating) and (AR	DERWENT;	
		٠.		•	anti-reflective adj coating)	IBM_TDB	
•	_		1	2	multi-wavelength adj laser.ti,ab,clm. and	USPAT;	2003/09/21 16:35
			1	_	(372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	
					(diffraction adj grating DBR DFB) and	EPO; JPO;	
	*		ļ.		(reflective coating) and (AR	DERWENT;	
			1			IBM TDB	
•		•	1	•	anti-reflective adj coating) and	100-100	
••			1		longitudinal	HCDAM-	2002/00/21 16:36
	-			1	multi-wavelength adj laser.ti,ab,clm. and	USPAT;	2003/09/21 16:36
	'		1	-	(372/4\$1.ccls. 372/50.ccls.) and,	US-PGPUB;	
•	-		1		(diffraction adj grating DBR DFB) and	EPO; JPO;	
	1.1		1, -		(reflective coating) and (AR	DERWENT;	1
		٠.	1		anti-reflective adj coating) and	IBM_TDB] .
			1 .		longitudinal adj mode	-	· ·
			105	2885	active (region layer) and diffraction adj	USPAT;	2003/09/21 16:37
	ļ. ⁻		1 125	2003	grating and (plurality near2 longitudinal	US-PGPUB;	
			1. *-		gracing and (profatity hears forgeturnal	EPO; JPO;	· · · · · · · ·
					adj mode multi-longitudinal adj mode)		1
						DERWENT;	
						IBM_TDB	0000/00/01
	-			. 6		USPAT;	2003/09/21 16:41
			`		adj grating and (multi-longitudinal	US-PGPUB;	
				:	plurality near2 longitudinal adj mode)	EPO; JPO;	
			1.			DERWENT;	1
		A Section				IBM TDB	
	ı		1				1

			et a la company	
_	181	active adj (region layer) and diffraction	USPAT;	2003/09/21 16:42
		adj grating and (FP Fabry-Perot) and	US-PGPUB;	•
		(372/4\$1.ccls. 372/50.ccls.)	EPO; JPO;	
			DERWENT;	
-	· .		IBM_TDB	
- ,	7	active adj (region layer) and diffraction	USPAT;	2003/09/21 16:45
		adj grating and (FP Fabry-Perot) and	US-PGPUB;	
	ľ	(372/4\$1.ccls. 372/50.ccls.) and	EPO; JPO;	
		reflective adj coating and anti-reflective	DERWENT;	
	-	adj coating	IBM_TDB	
1	· 2.	diffraction adj grating and (FP	USPAT;	2003/09/21 16:49
1.		Fabry-Perot).ti,ab,clm. and (372/4\$1.ccls.	US-PGPUB;	
		372/50.ccls.) and reflective and	EPO; JPO;	
-	1	anti-reflective	DERWENT:	
1.			IBM_TDB	
` -	8	grating and (FP Fabry-Perot).ti,ab,clm.	USPAT;	2003/09/21 16:50
		and (372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	
		reflective and anti-reflective	EPO; JPO;	
			DERWENT;	
			IBM_TDB '	,
	. 8	grating and (FP Fabry-Perot).ti,ab,clm.	USPAT;	2003/09/21 16:50
		and (372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	
		reflective and anti-reflective and	EPO; JPO;	Section 1997
1 .		(multi-longitudinal longitudinal)	DERWENT;	
			IBM_TDB	
-	0	grating and (FP Fabry-Perot).ti,ab,clm.	USPAT;	2003/09/21 16:51
		and (372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	
		reflective and anti-reflective and	EPO; JPO;	
		multi-longitudinal	DERWENT;	
	-		IBM_TDB	
-	1	grating and (FP Fabry-Perot).ti,ab,clm.	USPAT;	2003/09/21 16:52
		and (372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	
		reflective and anti-reflective and	EPO; JPO;	
	l'	longitudinal adj mode near6 discrete	DERWENT;	
			IBM_TDB	2002/00/21 16.52
	1	grating and (FP Fabry-Perot).ti,ab,clm.	USPAT;	2003/09/21 16:53
		and (372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	
	•	reflective and anti-reflective and	EPO; JPO; DERWENT;	
. A 7		(longitudinal adj mode near6 (discrete	IBM TDB	
· `.		several plurality))	USPAT;	2003/09/21 16:53
-	1, 1	grating and (FP Fabry-Perot).ti,ab,clm. and (372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	2003/03/21 10.55
` ` ·		reflective and anti-reflective and	EPO; JPO;	
		(longitudinal adj mode near6 (discrete	DERWENT;	•
		several plurality equidistant))	IBM TDB	
1_	1	grating and (FP Fabry-Perot).ti,ab,clm.	USPAT;	2003/09/21 17:41
1	1	and (372/4\$1.ccls. 372/50.ccls.) and	US-PGPUB;	=,,,,,,
		reflective and anti-reflective and	EPO; JPO;	
,		(longitudinal adj mode near6 (discrete	DERWENT;	
	l'	several plurality equidistant set))	IBM TDB	
- '	1	1	USPAT;	2003/09/21 17:44
	_		US-PGPUB;	
. [EPO; JPO;	
	.		DERWENT;	
			IBM_TDB	
-	0	Fabry-Perot adj laser adj diode near6	USPAT;	2003/09/21 17:45
'		multi-longitudinal	US-PGPUB;	
			EPO; JPO;	
		\".	DERWENT;	[::
			IBM_TDB	
 - .	0	2	USPAT;	2003/09/21 17:48
		multi-longitudinal	US-PGPUB;	
1			EPO; JPO;	
1			DERWENT;	
			IBM_TDB	0000/00/01 15 51
-	16	Fabry-Perot adj laser adj diode.ti.ab.	USPAT;	2003/09/21 17:51
			US-PGPUB;	'
			EPO; JPO;	14 4
			DERWENT;	
<u> </u>			IBM TDB	L

		• •		
-	48	Fabry-Perot adj laser.ti,ab,clm. and	USPAT;	2003/09/21 17:52
	1	372/\$6.ccls.	US-PGPUB;	
	· .		EPO; JPO;	
			DERWENT;	
	1 / 10	n n n n n n n n n n n n n n n n n n n	IBM_TDB USPAT;	2003/09/21 17:56
-	12		US-PGPUB;	2003/09/21 17.30
		372/50.ccls.	EPO; JPO;	*
			DERWENT;	
,	•		IBM TDB	• 1
_ •	8	Fabry-Perot adj laser.ti,ab,clm. and	USPAT;	2003/09/21 17:56
[. ⁻ , ·		372/50.ccls. and longitudinal	US-PGPUB:	
		372730.0020. a.i.a _0.i.g_==aac.i.a.	EPO; JPO;	•
			DERWENT;	
			IBM_TDB	
1 -	1	Fabry-Perot adj laser.ti,ab,clm. and	USPĀT;	2003/09/21 18:02
1.		372/50.ccls. and longitudinal adj mode	US-PGPUB;	
			EPO; JPO;	· ·
•			DERWENT;	-
			IBM_TDB	
-	0	mlm adj laser.ti,ab,clm. and 372/\$6.ccls.	USPAT;	2003/09/21 18:04
	1:		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		-1	IBM_TDB	2003/09/21 18:04
=	0	mlm adj3 laser.ti,ab,clm.	USPAT; US-PGPUB;	2002/03/21 10:04
			EPO; JPO;	
	-		DERWENT;	
*.	' '		IBM TDB	
	17	(multi-longitudinal adj mode mlm) adj3	USPĀT;	2003/09/21 18:05
. -	'	laser.ti,ab,clm.	US-PGPUB;	1.
		Taser.cr, ab, crm.	EPO; JPO;	· 2
			DERWENT;	
	1		IBM TDB	
	. 0	(multi-longitudinal adj mode mlm) adj (FP	USPĀT;	2003/09/21 18:06
		Fabry-Perot) adj laser.ti,ab,clm.	US-PGPUB;	*
			EPO; JPO;	
' : ·			DERWENT;	
			IBM_TDB	0000/00/01 10 10
	0	(multi-longitudinal adj mode mlm) adj (FP	USPAT;	2003/09/21 18:12
		Fabry-Perot).ti,ab,clm.	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
		narrow-stripe adi semiconductor adi	USPAT;	2003/09/21 18:14
[, 0	laser:ti,ab,clm.	US-PGPUB;	
		TRUCT CI ADJULIA	EPO; JPO;	المعرب عيرية المناسبان بالمعال
			DERWENT;	
1. "			IBM TDB	
	276	semiconductor adj laser adj	USPAT;	2003/09/21 18:15
1	. [diode.ti,ab,clm. and (372/4\$1.ccls.	US-PGPUB;	
		372/50.ccls.)	EPO; JPO;	· .
			DERWENT;	
			IBM_TDB	0000/00/01 10 00
-	5		USPAT;	2003/09/21 18:20
	1 .	diode.ti,ab,clm. and anti-reflective and	US-PGPUB;	·
		diffraction adj grating and (372/4\$1.ccls.	EPO; JPO; DERWENT;	
		372/50.ccls.)	IBM TDB	
_		Fabry-Perot adj laser adj diode.ti,ab,clm.	USPAT:	2003/09/21 18:21
1 -	1	and anti-reflective and diffraction adj	US-PGPUB;	2000,00,21 10.21
	1::	grating and (372/4\$1.ccls. 372/50.ccls.)	EPO; JPO;	
		gracing and (5/2/471.0015. 5/2/50.0015.)	DERWENT;	
, ,			IBM TDB	
_	0	(FP Fabry-Perot) adj laser adj	USPAT;	2003/09/21 18:21
	.	diode.ti,ab,clm. and anti-reflective and	US-PGPUB;	
•		diffraction adj grating and (372/4\$1.ccls.	EPO; JPO;	
	1	372/50.ccls.)	DERWENT;	
1	1		IBM TDB	l ''

				•
- · ·	1	(FP Fabry-Perot) adj laser adj	USPAT;	2003/09/21 18:23
		diode.ti,ab,clm. and (372/4\$1.ccls.	US-PGPUB;	
		372/50.ccls.)	EPO; JPO;	
			DERWENT;	
·			IBM TDB	
i _	1 1	(FP Fabry-Perot) adj laser adj	USPAT;	2003/09/21 18:24
-	' '-	diode.ti,ab,clm. and (372/4\$1.ccls.	US-PGPUB;	
		372/50.ccls.) and grating	EPO; JPO;	
		372730.ccis., and gracing	DERWENT;	
1			IBM TDB	
		(mp. m.)	USPAT;	2003/09/21 18:24
- '	Τ.	(FP Fabry-Perot) adj laser adj	i	2003/03/21 10.24
		diode.ti,ab,clm. and (372/4\$1.ccls.	US-PGPUB;	
		372/50.ccls.) and diffraction near6	EPO; JPO;	
		grating	DERWENT;	
1	5.00		IBM_TDB	
-	1	(FP Fabry-Perot) adj laser adj	USPAT;	2003/09/21 18:32
		diode.ti,ab,clm. and (372/4\$1.ccls.	US-PGPUB;	
•		372/50.ccls.) and diffraction adj grating	EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
1 -	3758	bragg near6 diffraction	USPAT;	2003/09/21 18:33
			US-PGPUB;	
			EPO; JPO;	
	$\beta = -i \epsilon$		DERWENT;	
			IBM TDB	•
1_	203	bragg near6 diffraction.ti.	USPAT;	2003/09/21 18:45
	203.	bragg mears arritagerom.er.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
		1.01700	USPAT;	2003/09/21 18:48
1 -	6	161706.ap.		2003/03/21 18:48
	. [US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	,		IBM_TDB	
- , '	5	107077.ap.	USPAT;	2003/09/21 18:53
			US-PGPUB;	
	i		EPO; ĴPO;	
	*		DERWENT;	
	1.33		IBM_TDB	
	48	ackerman.in.	US-PGPUB	2003/09/21 18:58
-	1	014513.ap.	US-PGPUB	2003/09/21 19:07
	1.	015656.ap.	US-PGPUB	2003/09/21 19:08
	1	987536.ap.	US-PGPUB	2003/09/21 19:11
- ' '	1 1	983249.ap.	US-PGPUB	2003/09/21 19:12
·_ ·	1	983175.ap.	US-PGPUB	2003/09/21 19:13
1_	1	930130.ap.	US-PGPUB	2003/09/21 19:15
<u></u>	1 1		US-PGPUB	-2003/09/21-19:15
1_	2	("5991061").PN:	USPAT;	2003/09/21 19:16
	,2	1 COSTOCI LIMI	US-PGPUB;	=000,00,21,10,10
			EPO; JPO;	
1			DERWENT;	
	1 . ~	/#6166037#\\ PN	IBM_TDB USPAT;	2003/09/21 19:19
1 - '	2	("6166837").PN.		2003/09/21 19:19
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	.		IBM_TDB	0000/00/01 10 50
-	. 4	537216.ap.	USPAT;	2003/09/21 19:20
. [,	US-PGPUB;	
•			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	4	676989.ap.	USPAT;	2003/09/21 20:14
1	``		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1			IBM TDB	
		1 · · · · · · · · · · · · · · · · · · ·		L ,

•			,	
<u>-</u>	7 1	(Fabry-Perot FP) adj laser.ti,ab,clm. and	USPAT;	2003/09/21 20:17
		reflective and anti-reflective	US-PGPUB;	- ·
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	183	semiconductor adj laser.ti,ab,clm. and	USPAT;	2003/09/21 20:17
- '	103	reflective and anti-reflective	US-PGPUB;	• •
	,	Tellective and and forfootive	EPO; JPO;	
,	-		DERWENT;	the second secon
ļ		•	IBM TDB	
	109	semiconductor adj laser.ti,ab,clm. and	USPAT;	2003/09/21 20:17
	109	reflective adj coating and anti-reflective	US-PGPUB;	
h		adj coating	EPO; JPO;	
,		adj coacing	DERWENT;	
			IBM TDB	
	32	semiconductor adj laser.ti,ab,clm. and	USPAT;	2003/09/21 20:40
-	32	reflective adj coating and anti-reflective	US-PGPUB;	
1		adj coating and diffraction adj grating	EPO; JPO;	
1 .	*	adj coating and diffraction adj grating	DERWENT;	·
			IBM TDB	
		lameth moont recompate add dayity and	USPAT;	2003/09/21 20:41
	44	length near4 resonant adj cavity and	US-PGPUB;	
· ·		semiconductor adj laser.ti,ab,clm.	EPO; JPO;	
	<u> </u>		DERWENT;	,
			IBM TDB	
	1.			2003/09/21 20:44
-	14	length near4 resonant adj cavity.clm. and	USPAT; US-PGPUB;	2003/03/21 20:44
	,	semiconductor adj laser.ti,ab,clm.		
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2003/09/21 20:44
-	. 14	length near4 resonant adj cavity.clm. and	USPAT;	2003/09/21 20:44
· ·		(372/4\$1.ccls. 372/50.ccls.)	US-PGPUB;	
,			EPO; JPO;	
			DERWENT;	
			IBM_TDB	00001/00/001 00-40
	. 6	832885.ap.	USPAT;	2003/09/22 09:40
			US-PGPUB;	
** *			EPO; JPO;	
1			DERWENT;	
1. 1			IBM_TDB	0000 (00 (00 00-40
-	. 47	(372/4\$1.ccls. 372/50.ccls.) and length	USPAT;	2003/09/22 09:48
		near5 resonant adj cavity	US-PGPUB;	
	1.		EPO; JPO;	
			DERWENT;	` I
			IBM_TDB	1
\ \.	5429	(372/43).CCLS.	USPAT;	2003/09/22 09:48
1			US-PGPUB;	
	1		EPO; JPO;	
	1		DERWENT;	1
			IBM_TDB	0000/00/00 00 10
1	913	(372/44).CCLS.	USPAT;	2003/09/22 09:48
"	- K		US-PGPUB;	(· · ·
	1		EPO; JPO;	
	' '		DERWENT;	
			IBM_TDB	
	3556	(372/45).CCLS.	USPAT;	2003/09/22 09:48
,			US-PGPUB;	
			EPO; JPO;	`
			DERWENT;	'
			IBM_TDB	
_	2814	(372/46).CCLS.	USPAT;	2003/09/22 09:48
			US-PGPUB;	
,			EPO; JPO;	1
			DERWENT;	
1.			IBM_TDB	'
1 -	126	(372/47).CCLS.	USPAT;	2003/09/22 09:48
			US-PGPUB;	
			EPO; JPO;	
	.		DERWENT;	· 1
1 .			IBM TDB	

				Victoria de la Companya del Companya del Companya de la Companya d	<u> </u>
		421	(372/48).CCLS.	USPAT;	2003/09/22 09:48
		121	(5/2) 10/10020	US-PGPUB;	:
		j.		EPO; JPO;	
		3 -		DERWENT;	
1	•			IBM TDB	
	. '	620	4270 (40) COT C	USPĀT;	2003/09/22 09:48
1	-	632	(372/49).CCLS.	US-PGPUB;	
-				EPO; JPO;	
	the Large			DERWENT;	
1	4			IBM_TDB	2003/09/22 09:49
1	_ 😕	1787	(372/50).CCLS.	USPAT;	2003/03/22 03.43
-	:			US-PGPUB;	
- -				EPO; JPO;	
1				DERWENT;	
	4 . *			IBM_TDB	
^		12598	((372/43).CCLS.) ((372/44).CCLS.)	USPAT;	2003/09/22 09:49
1	•		((372/45).CCLS.) ((372/46).CCLS.)	US-PGPUB;	
	*	1	((372/47).CCLS.) ((372/48).CCLS.)	EPO; JPO;	
Į			((372/49).CCLS.) ((372/50).CCLS.)	DERWENT;	
1	•		((3/2/43/.00201) ((0.2/.00/.00/.00/.00/.00/.00/.00/.00/.00/	IBM TDB	
-		9	(((372/43).CCLS.) ((372/44).CCLS.)	USPĀT;	2003/09/22 09:51
\cdot	-	, 9	((372/45).CCLS.) ((372/44).CCLS.)	US-PGPUB;	
			((312/43).CCD3.) ((312/40).CCD3.)	EPO; JPO;	***
-	** ** ** ** ** ** ** ** ** ** ** ** **	* *	((372/47).CCLS.) ((372/48).CCLS.)	DERWENT;	,
	r'':		((372/49).CCLS.) ((372/50).CCLS.)) and	IBM TDB	
-	, ,		diffraction adj grating near12 length	םמו"וסם	
-1	* .		near12 active and (plurality near2		
-			longitudinal multi-longitudinal)		2003/09/22 09:51
-[32	(((372/43).CCLS.) ((372/44).CCLS.)	USPAT;	2003/09/22 09:51
			((372/45).CCLS.) ((372/46).CCLS.)	US-PGPUB;	
	4 .	1	((372/47).CCLS.) ((372/48).CCLS.)	EPO; JPO;	
ļ			((372/49).CCLS.) ((372/50).CCLS.)) and	DERWENT;	
- 1			diffraction adj grating and (plurality	IBM_TDB	
			near2 longitudinal multi-longitudinal)		
	·	23	((((372/43).CCLS.) ((372/44).CCLS.)	USPAT;	2003/09/22 09:53
Ì			((372/45).CCLS.) ((372/46).CCLS.)	US-PGPUB;	
			((372/47).CCLS.) ((372/48).CCLS.)	EPO; JPO;	
- (((372/49).CCLS.) ((372/50).CCLS.)) and	DERWENT;	
,		1	diffraction adj grating and (plurality	IBM TDB	
	A William		near2 longitudinal multi-longitudinal)		
		1	not ((((372/43).CCLS.) ((372/44).CCLS.)		
			NOT ((((3/2/43).CCL3.) ((3/2/44).CCL3.)		
.			((372/45).CCLS.) ((372/46).CCLS.)		
			((372/47).CCLS.) ((372/48).CCLS.)		
		¥ .	((372/49).CCLS.) ((372/50).CCLS.)) and		
1			diffraction adj grating near12 length		
e:			near12 active and (plurality near2	la e .	
			longitudinal multi-longitudinal))	HCDAM.	2003/09/22 10:00
		37	grin-sch.ti,ab.	USPAT;	2003/03/22 10.00
		14		US-PGPUB;	
.				EPO; JPO;	
-				DERWENT;	
				IBM_TDB	2003/00/22 10:02
	_	20	(FP Fabry-Perot) and grating near12	USPAT;	2003/09/22 10:02
	l	,	(entire whole) adj length	US-PGPUB;	
				EPO; JPO;	
13				DERWENT;	
				IBM_TDB	1
	_	1	(FP Fabry-Perot) ti, ab, clm. and grating	USPAT;	2003/09/22 10:10
			near12 (entire whole) adj length	US-PGPUB;	· · · · · · · · · · · · · · · · · · ·
	` '			EPO; JPO;	
		1		DERWENT;	
-		1		IBM TDB	1
	l _	6	length near2 grating near6 interval	USPAT;	2003/09/22 10:24
	· .	1	Tongon moure graceing moure amounts	US-PGPUB;	
				EPO; JPO;	
		· ·		DERWENT;	
				IBM TDB	1
	1	1.		USPAT;	2003/09/22 10:25
	-	28	interval near3 longitudinal adj modes	US-PGPUB;	2000, 03, 22, 10.23
	1			EPO; JPO;	
	1				
		*		DERWENT;	1
		•		IBM_TDB	2002/12/10 10-24
	ļ. —	2	(("6363097") or ("5278851")).PN.	USPAT	2003/12/19 10:34

	-					
-	· ·	·	3	(("6363097") or ("5278851") or	USPAT	2003/12/19 10:34
_			35	("5111475")).PN. 537216.ap. 676989.ap. 769395.ap.	USPAT;	2004/04/16 17:58
-			33	793881.ap. 828144.ap. 865444.ap.	US-PGPUB	
1				874278.ap.	,	ı
-	• •	•	11	(US-6643315-\$ or US-6493369-\$ or	USPAT;	2004/04/16 17:59
			.	US-6472691-\$ or US-6674783-\$ or	US-PGPUB	
	• ,			US-6661828-\$ or US-6704342-\$).did. or	·	
				(US-20010046245-\$ or US-20010048111-\$ or		
				US-20010038659-\$ or US-20020031152-\$ or		
				US-20020146050-\$).did.	HCDAM.	2004/04/16 18:33
-			6	longitudinal and ((US-6643315-\$ or US-6493369-\$ or US-6472691-\$ or	USPAT; US-PGPUB	2004/04/10 10.55
		ľ		US-6493369-\$ Of US-6472691-\$ Of US-6674783-\$ or US-6661828-\$ or	03-19105	
'		,		US-6704342-\$).did. or (US-20010046245-\$ or		
				US-20010048111-\$ or US-20010038659-\$ or	1	
-				US-20020031152-\$ or	. •	
			1	US-20020146050-\$).did.)		
-		*	5	((US-6643315-\$ or US-6493369-\$ or	USPAT;	2004/04/16 18:33
1.				US-6472691-\$ or US-6674783-\$ or	US-PGPUB]
ŀ	5 ·			US-6661828-\$ or US-6704342-\$).did. or	; ·	100
.		l .		(US-20010046245-\$ or US-20010048111-\$ or US-20010038659-\$ or US-20020031152-\$ or		
	1.			US-20010038659-\$ or US-20020031152-\$ or US-20020146050-\$).did.) not (longitudinal		
	9			and ((US-6643315-\$ or US-6493369-\$ or	,	
1	•			US-6472691-\$ or US-6674783-\$ or		
	. •		,	US-6661828-\$ or US-6704342-\$).did. or		
				(US-20010046245-\$ or US-20010048111-\$ or		• • • • • • • • • • • • • • • • • • • •
-				US-20010038659-\$ or US-20020031152-\$ or		
				US-20020146050-\$).did.))		
-			16	"5991061"	USPAT; US-PGPUB;	2004/04/17 13:16
					EPO; JPO;	
ł					DERWENT;	
					IBM TDB	
1 -			ź	(("5991061") or ("6166837")).PN.	USPAT;	2004/04/17 13:18
	٠.		·		US-PGPUB	0001/01/17 10 10
-			12	983249.ap. 983175.ap. 930130.ap.	USPAT;	2004/04/17 13:18
			· ·	***	US-PGPUB; EPO; JPO;	
					DERWENT;	
					IBM TDB	
ˈ 			9	983249.ap. 983175.ap. 930130.ap.	USPĀT;	2004/04/17 13:24
1					US-PGPUB	
-			2	987536.ap. 10015656.ap.	USPAT;	2004/04/17 13:25
			_	007536 an 015656 an	US-PGPUB USPAT;	2004/04/17 13:26
.,			8	987536.ap. 015656.ap.	US-PGPUB	2004/04/1/ 13,.20
_		**.	8	014513.ap.	USPAT;	2004/04/17 13:28
					US-PGPUB	
-			2	("20010036004").PN.	USPAT;	2004/04/17 13:31
	•				US-PGPUB;	
					EPO; JPO;	
					DERWENT; IBM TDB	
1			5	107077.ap.	USPAT;	2004/04/17 13:32
-			,	1	US-PGPUB;	
					EPO; JPO;	
					DERWENT;	1 .
	•		_		IBM_TDB	0004/04/17 12 24
-	-	,	6	161706.ap.	USPAT;	2004/04/17 13:34
					US-PGPUB; EPO; JPO;	
.				· · · · · · · · · · · · · · · · · · ·	DERWENT;	
					IBM TDB	
_		ľ	2	("5111475").PN.	USPĀT;	2004/04/17 13:46
					US-PGPUB;	
1		,			EPO; JPO;	
-				•	DERWENT;	
		1		<u> </u>	IBM TDB	L

-	0	ep-0479279\$-\$.did.	USPAT;	2004/04/17 13:46
			US-PGPUB; EPO; JPO;	•
			DERWENT;	٠.
			IBM TDB	
1_	. 2	ep-479279\$-\$.did.	USPAT;	2004/04/17 13:51
-		ep 4732730 V. a.ta.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	•
<u> </u>	. 2	gb-2347520\$-\$.did.	USPAT;	2004/04/17 14:01
	•		US-PGPUB;	
*			EPO; JPO;	<u> </u>
			DERWENT; IBM TDB	
	1270	longitudinal and (diffraction adj grating	USPAT;	2004/04/17 14:01
-	4379	dfb)	US-PGPUB;	2004/04/17 14:01
		(alb)	EPO; JPO;	
	-		DERWENT;	
,	· '		IBM TDB	•
_	543	longitudinal adj modes and (diffraction	USPAT;	2004/04/17 16:25
		adj grating dfb)	US-PGPUB;	
1.			EPO; JPO;	*
			DERWENT;	
1		, we consider the constant of	IBM_TDB	2004/04/17 16 64
-	2	("5325379").PN.	USPAT;	2004/04/17 16:54
			US-PGPUB; EPO; JPO;	
1			DERWENT;	
			IBM TDB	
· ·	44	"furukawa" and plurality near4	USPAT;	2004/04/17 16:55
	, ***	longitudinal adj modes	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB .	, ,
= -	11	"furukawa" and plurality near4	USPAT;	2004/04/17 17:53
		longitudinal adj modes.clm. and	US-PGPUB;	
1		grating.clm.	EPO; JPO; DERWENT;	
. :	٠.		IBM TDB	
	2	("5111475").PN.	USPĀT;	2004/04/17 18:17
	-	(3111173 / 71111	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	2	ep-479279\$-\$.did.	USPĀT;	2004/04/17 18:18
1:			US-PGPUB; EPO; JPO;	
1	7.		DERWENT;	and the second second second
			IBM TDB	
_	2	gb-2347520\$-\$.did.	USPAT;	2004/04/17 18:21
	1	37	US-PGPUB;	
-[EPO; JPO;	[]
* -			DERWENT;	
	1		IBM_TDB	000440445
	8	jp-0429387\$-\$.did.	USPAT;	2004/04/17 18:24
			US-PGPUB; EPO; JPO;	"
_			DERWENT;	·
			IBM TDB	
-	58	spacer near6 diffraction adj grating and	USPAT;	2004/04/17 19:36
		laser.ti,ab,clm.	US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
-	30		USPAT;	2004/04/17 19:38
		laser.ti,ab,clm. and longitudinal adj	US-PGPUB;	
	. '	(modes mode)	EPO; JPO; DERWENT;	' '
			IBM TDB	
L			1 1111 1111	<u> </u>

-	37 spacer near6 diffraction adj grating and	USPAT;	2004/04/17 19:56
	laser.ti,ab,clm. and longitudinal	US-PGPUB;	1.7
,		EPO; JPO;	
		DERWENT;	
		IBM TDB	
	0 spacer near6 diffraction adj grating	USPAT:	2004/04/17 19:56
	near12 confinement adj layer and	US-PGPUB;	2004/04/1/ 19:36
	laser.ti,ab,clm. and longitudinal	EPO; JPO;	
		DERWENT;	*
		IBM TDB	
	3 diffraction adj grating near12 confinement	USPAT;	0004/04/15 00 5
	adj layer and laser.ti,ab,clm. and		2004/04/17 22:30
	longitudinal	US-PGPUB;	
	Tongreudillat	EPO; JPO;	
		DERWENT;	
	$32 \cdot ((372/43) \text{ or } (372/44) \text{ or } (372/45) \text{ or}$	IBM_TDB	
. 52		USPAT;	2004/04/17, 22:31
	(372/46) or (372/47) or (372/48) or	US-PGPUB	
	(372/49) or (372/50)).CCLs.		ļ. · · · · · · · · · · · · · · · · · · ·
	57 (((372/43) or (372/44) or (372/45) or	USPAT;	2004/04/17 22:32
	(372/46) or (372/47) or (372/48) or	US-PGPUB:	
	(372/49) or $(372/50)$) CCLS.) and (multiple	EPO; JPO;	
	multi-mode plurality) near4 longitudinal	DERWENT;	
	and diffraction adj grating	IBM TDB	
Se.	2 ep-479279\$-\$.did.	USPAT;	2004/04/18 10:36
		US-PGPUB;	2004/04/18 10:36
		EPO; JPO;	
· •		DERWENT;	
	3 multiple adj wavelength adj grating	IBM_TDB	
	marcipic day wavelength adj grating	USPAT;	2004/04/18 10:36
		US-PGPUB;	
4.		EPO; JPO;	
		DERWENT;	
	0 //	IBM_TDB	
	8 ((multiwavelength multiple adj wavelength)	USPAT;	2004/04/18 10:39
	adj grating mwg) and laser.ti,ab,clm.	US-PGPUB;	
		EPO; JPO;	
		DERWENT;	
		IBM TDB	
	0 ((multiwavelength multiple adj wavelength)	ŮSPĀT;	2004/04/18 10:51
	adj grating mwg) and 372/\$9.ccls.	US-PGPUB;	2004/04/10 10:31
		EPO; JPO;	
1		DERWENT;	
4.5		IBM TDB	<u>. </u>